

# XP 002153115

AN - 1990-034454 [25]

A - [001] 014 034 04- 040 074 076 077 081 082 085 143 155 157 163 166 169  
175 177 195 199 226 27& 274 28& 336 37- 393 47& 477 51& 516 518 521  
525 541 543 545 551 556 575 583 589 597 602 604 608 611 613 62- 623  
626 627 629 638 641 656 720 722 723 724

AP - JP19880143235 19880610

CPY - NIOF

DC - A21 A82 G02 M13

FS - CPI

IC - C09D5/03

KS - 0218 0231 0495 0496 0502 0503 0537 0538 0600 0601 0607 0608 1282 1288  
1351 1384 1462 1601 1632 1633 1842 2541 2585 2589 2593 2605 2607 2617  
2661 2667 2672 2675 2690 2691 2692 2728 2736 2743 2751 2758 2763 3013  
3014 3048 3049 3292

MC - A04-F06E7 A05-A04 A05-E01D1 A07-A04D A12-B01E A12-B01H A12-S09  
G02-A02C1 G02-A02E G02-A05E M13-H05

PA - (NIOF) NIPPON OILS & FATS CO LTD

PN - JP1313573 A 19891219 DW199005 006pp

PR - JP19880143235 19880610

XA - C1990-015243

XIC - C09D-005/03

AB - J01313573 It contains (A) 70-95 wt.pts. of polyester resin with 10-100  
acid value, 50-80 deg.C glass transition pt., and 2000-8000 number  
ave. mol.wt.; (B) 5-30 wt.pts. of acryl resin which contains 20-60  
wt.% of monomers of glycidylacrylate, glycidyl methacrylate,  
beta-methylglycidyl acrylate and beta-methylglycidyl methacrylate and  
contains glycidyl gps., and/or beta-methyl-glycidyl gps., with  
500-6000 number ave. mol.wt.; and (C) 1-10 wt.pts. of glycidyl cpds.  
with 100-298 wt.

- (B) is pref. methylmethacrylate and cellosolve methacrylate because of  
their compatibility with (A). (C) is for example, diglycidyl-  
terephthalate ester, diglycidyl paraoxybenzoate ester, triglycidyl  
isocyanulate.

- USE/ADVANTAGE - It is used to metal coating of domestic electric  
appliances such as washing machine, refrigerator, cooler, and road  
construction materials such as bridge, banisters, gates and fence. The  
coating membrane obtd. has smoothness, good out-looking, gloss,  
anti-impact, anti-pollution, anti-corrosion, weathering resistance,  
tc. The paint does not produce resin at curing and the membrane does  
not turn yellow.

IW - ANTI YELLOW POWDER PAINT COMPOSITION COMPRISE POLYESTER RESIN ACRYL  
RESIN CONTAIN MONOMER GLYCIDYL ACRYLATE GLYCIDYL COMPOUND LESS  
MOLECULAR WEIGHT

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NC - 001

OPD - 1988-06-10

ORD - 1989-12-19

PAW - (NIOF) NIPPON OILS & FATS CO LTD

TI - Anti-yellowing powder paint compsn. - comprise polyester resin, acryl

JP 1-313573 X

409

-30 p/w

resin contg. monomers of .g. glycidyl:acrylate and other glycidyl  
cpds. of less mol wt.